

Appl. NO. 09/832,464
Amdt. dated: February 11 , 2004
Reply to Office Action of November 11, 2003

Amendments to the Claims:

Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A composition comprising a first purified protein, said first purified protein comprising ~~at least a portion~~ amino acid 39 through amino acid 328 of SEQ ID NO. 2, the amino acid sequence of SEQ ID NO. 2, the amino acid sequence of SEQ ID NO. 3, or, in order, the amino acid sequences of SEQ ID NO. 4, SEQ ID NO. 5, SEQ ID NO. 6, SEQ ID NO. 7, SEQ ID NO. 8, SEQ ID NO. 9, SEQ ID NO. 10, SEQ ID NO. 11, SEQ ID NO. 12, SEQ ID NO. 13, and SEQ ID NO. 14.
2. (original) The composition of Claim 1, further comprising a second purified protein bound to said first protein.
3. (currently amended) The composition of Claim 2, wherein said second protein is a cell division protein of *E.coli* known as FtsZ, or a homolog thereof.
4. (currently amended) The composition of Claim 3, wherein one of the proteins is ~~HPK-T~~ tagged fused to a T7.tag peptide, a His-tag peptide, a Flag peptide, a heart muscle kinase substrate peptide, or combinations of said peptides.
5. (currently amended) The composition of Claim 3, wherein one of said proteins is labelled with a reporter ~~group~~ molecule.
6. (currently amended) The composition of Claim 6, wherein said reporter ~~group~~ molecule is fluorescent.
7. (currently amended) The composition of claim 6, wherein said reporter ~~group~~ molecule comprises fluorescein.
8. (original) The composition of claim 3, wherein one of said proteins is biotinylated.

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9. (new) The composition of claim 4, wherein the sequence of the T7.tag peptide is set forth in SEQ ID. NO. 20.

10. (new) The composition of claim 4, wherein the sequence of the His tag peptide is set forth in SEQ ID NO. 21.

11. (new) The composition of claim 4, wherein the sequence of the flag peptide and heart muscle kinase substrate peptide is set forth in SEQ ID NO. 22.

12. (new) The composition of claim 4, wherein one of the proteins is fused to a peptide whose sequence is set forth in SEQ ID NO. 19.

13. (new) The composition of claim 4, wherein one of the proteins is fused to a peptide whose sequence is set forth in SEQ ID NO. 23.